

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

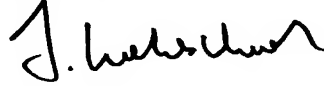
1. (original) A transgenic nonhuman animal or stem cell comprising a diploid genome comprising a transgene encoding a heterologous APP polypeptide comprising the Swedish mutation wherein the amino acid residues at positions corresponding to positions 595 and 596 in human APP⁶⁹⁵ are asparagines and leucine, respectively.
2. (original) A transgenic nonhuman animal of claim 1, wherein the animal is murine.
3. (original) A transgenic nonhuman animal of claim 2, wherein the transgene comprises pNSEAPPswΔ3' or pNSEAPPsw.
4. (original) A transgenic nonhuman animal of claim 3, wherein the transgene is nonhomologously integrated.
5. (original) A transgenic nonhuman animal of claim 3, wherein said transgenic nonhuman animal expresses a human APP polypeptide comprising the Swedish mutation.
6. (original) A transgenic nonhuman animal of claim 1, wherein the heterologous APP polypeptide comprising the Swedish mutation is expressed under the transcriptional control of a neuralspecific enolase promoter.
7. (original) A transgene comprising a polynucleotide encoding a a human APP polypeptide comprising the Swedish mutation operably linked to a transcription control element capable of producing transcription of the human APP polypeptide in a host transgenic animal.
8. (original) A transgene of claim 7, wherein the transcription control element is rat neural-specific enolas promoter.
9. (original) A transgene of claim 8, wherein the transgene comprises pNSEAPPswΔ3' or pNSEAPPsw.
10. (cancelled)

Appl. No:
Amdt. dated June 27, 2003
Preliminary Amendment

PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,



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